LM560

Multifunction Lan + Fax/Modem PC Card

Connecting to Your LAN and WAN in One PC Card
The perfect solution for your LAN/WAN applications in one PC Card. The LM560 PCMCIA multifunction PC Card combines both Ethernet LAN and power of 56K Fax/Modem that lets you perform multiple communication tasks at the same time. The LM560 lets you dial into any on-line services, ISPs through highest 56K bps Fax/Modem, and hook up to Ethernet with easy plugging in RJ-45/ BNC cable. You can run both LAN and Fax/Modem function simultaneously that makes your applications convenient and saves your limited PCMCIA slot resource. With the tightly integrated networking and Fax/Modem communications, the users do not need to juggle multiple cards for concurrent use of LAN and Fax/Modem, and the patent pending single detachable interface connector gets the real convenience of two cards in one.

Broad Wide Compatibility
LM560 is ready to run with the latest 32-bit Network Operating Systems like Windows 98, Windows 95 and Windows NT, the included NOS drivers ensure the compatibility to the widely used networking environments, such as Novell Netware, Microsoft LAN Manager, TCP/IP, and more.

The broad Card and Socket Service (CSS) compatibility also makes the users trouble-fee for their Internet and Intranet connections. For those who prefer not to use CSSes, LM560 includes a point enabler for the multifunction card.

Easy of Installation
The LM560 are Microsoft Plug & Play compatible, the installation of multifunction PC Card under Windows 95 is as easy as a normal Fax/Modem PC Card. For notebooks running with DOS or Netware Client, the included menu-driven installation utility and LAN diagnostics program eliminate installation problems.

Key Features
- PCMCIA 2.1 and JEIDA 4.1 compliant.
- Digital line protection to protect modem against connecting to high-current digital PABX
- Internal DAA with single detachable interface connector for direct connecting to Ethernet LAN and telephone wall outlet.
- PCMCIA client enabler support.
- Concurrent use of Ethernet LAN and Fax/Modem Operation.
- Support all major Network Operating Systems (NOS).
- Menu-driven installation utility and LAN diagnostics program included.
- Low power consumption and automatic sleep mode to extend PC battery life.
- PC Card hot swap and insertion support.

Fax/Modem
- **Modem Operating Protocol**
  V.90 (up to 56,000 bps), LM560
  K56flex (up to 56,000 bps), LM560
  V.34bis (up to 33,600 bps)
  V.34 (28,800 to 2,400 bps)
  V.32bis, V.32, V.22bis, V.23,
  V.22/Bell 212A, V.21/Bell 103
- **Error Correction & Data Compression**
  V.42/V.42bis and MNP Class 2 to 5
- **Receive Sensitivity**
  -40 (±1) dBm
- **Transmit Level**
  Permissive -11 (±1) dBm
- **Fax Compatibility**
  Group 3 send and receive
  EIA Class 1 fax commands
  V.17 (14.4K bps), V.29 (9.6K Bps),
  V.27ter (4.8K bps), V.21 (300 bps)
- **Dialing Capability**
  DTMF tone and rotary pulse
- **Telephone Line Interface**
  RJ-11, 2-wire dial-up

Ethernet LAN
- Network Standard & Interface: IEEE 802.3, 10BaseT (UTP), RJ-45, 10Base2 (BNC)
- Card Enabler Support: DOS version
- PCMCIA Card/Socket Service Support: PC Card standard Card Service specification 2.0 and newer
- Network Operating System & Software Support: Windows NT, Windows 98, Windows 95 & OSR2, Windows 3.x, DOS, Novell Netware, FTP TCP/IP, Banyan VINES, Packet Driver, and more

Interrupt & I/O Address
- IRQ: 3, 4, 5, 7, 9, 10, 11, 12, 15,
- I/O Base for LAN: 300, 320, 340, 360
- COM Port for Fax/Modem: COM1 to COM4

Power Consumption
- Fax/Modem: 640 mW
- Concurrent use: 860 mW
- Sleep mode: 80 mW (Typical)

Connection Cable Option
- LM200 BNC/RJ-11 Connection Cable